

Appl. No. : 10/063,538
Filed : May 2, 2002

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An isolated polypeptide having at least 80% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide ~~of shown in Figure 34~~ (SEQ ID NO: 34);
- (b) the amino acid sequence of the polypeptide ~~of shown in Figure 34~~ (SEQ ID NO: 34), lacking its associated signal peptide;
- (c) the amino acid sequence of the extracellular domain of the polypeptide ~~of shown in Figure 34~~ (SEQ ID NO: 34);
- (d) the amino acid sequence of the extracellular domain of the polypeptide ~~of shown in Figure 34~~ (SEQ ID NO: 34), ~~lacking~~ including its associated signal peptide; or
- (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;

wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34; and

wherein said isolated polypeptide is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively.

2. (Currently Amended) The isolated polypeptide of Claim 1 having at least 85% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide ~~of shown in Figure 34~~ (SEQ ID NO: 34);
- (b) the amino acid sequence of the polypeptide ~~of shown in Figure 34~~ (SEQ ID NO: 34), lacking its associated signal peptide;
- (c) the amino acid sequence of the extracellular domain of the polypeptide ~~of shown in Figure 34~~ (SEQ ID NO: 34);
- (d) the amino acid sequence of the extracellular domain of the polypeptide ~~of shown in Figure 34~~ (SEQ ID NO: 34), ~~lacking~~ including its associated signal peptide; or
- (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;

wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34; and

wherein said isolated polypeptide is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively, or wherein said

Appl. No. : 10/063,538
Filed : May 2, 2002

isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively.

3. (Currently Amended) The isolated polypeptide of Claim 1 having at least 90% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);

(b) the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), ~~lacking including~~ its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;

wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34; and

wherein said isolated polypeptide is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively.

4. (Currently Amended) The isolated polypeptide of Claim 1 having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);

(b) the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), ~~lacking including~~ its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;

wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34; and

Appl. No. : 10/063,538
Filed : May 2, 2002

wherein said isolated polypeptide is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively.

5. (Currently Amended) The isolated polypeptide of Claim 1 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);

(b) the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), lacking including its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;

wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34; and

wherein said isolated polypeptide is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in normal esophageal tissue or normal skin compared to esophageal tumor or melanoma tumor respectively.

6. (Currently Amended) An isolated polypeptide comprising:

(a) the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);

(b) the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), lacking including its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;

wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34.

Appl. No. : 10/063,538
Filed : May 2, 2002

7. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34).

8. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of shown in Figure 34 (SEQ ID NO: 34), lacking its associated signal peptide.

9. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34);
wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34.

10. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 34 (SEQ ID NO: 34),
lacking including its associated signal peptide;
wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34.

11. (Original) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161.

12. (Original) A chimeric polypeptide comprising a polypeptide according to Claim 1 fused to a heterologous polypeptide.

13. (Original) The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is an epitope tag or an Fc region of an immunoglobulin.